

BEGO Compatibility Overview 3D Printing System Components



VarseoSmile Crown^{plus}

Permanent single crowns, inlays, onlays, and veneers



VarseoSmile Temp

Temporary crown and bridge restorations, inlays, onlays, and veneers



VarseoWax CAD/Cast

Burnout objects



VarseoWax Model

Dental models



VarseoWax Surgical Guide*

Surgical guides and placement aids for implant prosthetics



VarseoWax Tray*

Individual impression trays

3D Printer

BEGO Varseo L/S/XS	Cleaning	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs** Form Wash: 3 min (Isopropanol 99 %) • Whip Mix** Veriwash + Veriwhirl/Ackuretta** Cleani***: 3 min + 3 min (Isopropanol 99%) • Manual cleaning with tensides: See last page 	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs Form Wash: 3 min (Isopropanol 99 %) • Whip Mix Veriwash + Veriwhirl/Ackuretta Cleani***: 3 min + 3 min (Isopropanol 99%) • Manual cleaning with tensides: See last page 	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) 	<ul style="list-style-type: none"> • Ultrasonic bath: 5 min (Isopropanol 99 % or Ethanol 96 %) • Formlabs Form Wash: 5 min (Isopropanol 99 %) • Anycubic** Wash & Cure Plus****: 8 min (Isopropanol 99 % or Ethanol 96 %) 	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) 	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %)
	Light-curing	<ul style="list-style-type: none"> • BEGO Otofash: 2 × 1,500 flashes • HiLite Power (Kulzer**): 2 × 90 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C • SprintRay** ProCure: 2 × 20 min @ 20 °C • SprintRay ProCure 2: Preprogrammed resin profile VarseoSmile Crown^{plus} (60 sec – pause – 50 sec), Zone A • CUREbox** Plus: 2 × 20 min @ 30 °C • Ackuretta CURIE : 2 × 2.5 min Exposure parameters: P13 D8 T2.30BOn 	<ul style="list-style-type: none"> • BEGO Otofash: 2 × 1,500 flashes • HiLite Power (Kulzer): 2 × 90 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C • SprintRay ProCure: 2 × 20 min @ 20 °C • CUREbox Plus: 2 × 20 min @ 30 °C • Ackuretta CURIE : 2 × 2.5 min Exposure parameters: P13 D8 T2.30BOn 	<ul style="list-style-type: none"> • BEGO Otofash: 2 × 500 flashes • HiLite Power (Kulzer): 2 × 90 sec 	<p>Flash or LED light curing device, e.g.:</p> <ul style="list-style-type: none"> • BEGO Otofash: 2 × 2,000 flashes • HiLite Power (Kulzer): 2 × 180 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C • Anycubic Wash & Cure Plus****: 2 × 20 min 	<ul style="list-style-type: none"> • BEGO Otofash: 1 × 1,000 + 2 × 2,000 flashes • HiLite Power (Kulzer): 1 × 90 + 2 × 180 sec 	<ul style="list-style-type: none"> • BEGO Otofash: 2 × 2,000 flashes • HiLite Power (Kulzer): 2 × 180 sec

* only available for Varseo L/S

** This symbol is a commercial designation/registered trademark of a company which is not part of the BEGO company group.

*** both devices are identical in construction

**** Compatibility applies to the design status to the serial no. W31126A0405446

For detailed information on the production workflow, please refer to the instructions for use of the respective VarseoSmile or VarseoWax resins. Pictures and illustrations are exemplary. Colors, symbols, design, and information on the labels and/or packaging shown may differ from reality. Not all products and services shown are available in all countries.

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VarseoSmile Temp

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VarseoWax CAD/Cast

Burnout objects



VarseoWax Model

Dental models



VarseoWax Surgical Guide

Surgical guides and placement aids for implant prosthetics



VarseoWax Tray

Individual impression trays

3D Printer

Asiga* Max UV	Cleaning	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs* Form Wash: 3 min (Isopropanol 99 %) • Whip Mix* Veriwash + Veriwhirl/Ackuretta* Cleani**: 3 min + 3 min (Isopropanol 99%) • Manual cleaning with tensides: See last page 	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs Form Wash: 3 min (Isopropanol 99 %) • Whip Mix Veriwash + Veriwhirl/Ackuretta Cleani**: 3 min + 3 min (Isopropanol 99%) • Manual cleaning with tensides: See last page 	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) 	<ul style="list-style-type: none"> • Ultrasonic bath: 5 min (Isopropanol 99 % or Ethanol 96 %) • Formlabs Form Wash: 5 min (Isopropanol 99 %) • Anycubic* Wash & Cure Plus***: 8 min (Isopropanol 99 % or Ethanol 96 %) 		
	Light-curing	<ul style="list-style-type: none"> • BEGO Otoflash: 2 x 1,500 flashes • HiLite Power (Kulzer*): 2 x 90 sec • Formlabs Form Cure: 2 x 20 min @ 60 °C • SprintRay* ProCure: 2 x 20 min @ 20 °C • SprintRay ProCure 2: Preprogrammed resin profile VarseoSmile Crown plus (60 sec – pause – 50 sec), Zone A • CUREbox* Plus: 2 x 20 min @ 30 °C • Ackuretta CURIE : 2 x 2.5 min Exposure parameters: P13 D8 T2.30BOn 	<ul style="list-style-type: none"> • BEGO Otoflash: 2 x 1,500 flashes • HiLite Power (Kulzer*): 2 x 90 sec • Formlabs Form Cure: 2 x 20 min @ 60 °C • SprintRay ProCure: 2 x 20 min @ 20 °C • CUREbox Plus: 2 x 20 min @ 30 °C • Ackuretta CURIE : 2 x 2.5 min Exposure parameters: P13 D8 T2.30BOn 	<ul style="list-style-type: none"> • BEGO Otoflash: 2 x 500 flashes • HiLite Power (Kulzer*): 2 x 90 sec 	<p>Flash or LED light curing device, e.g.:</p> <ul style="list-style-type: none"> • BEGO Otoflash: 2 x 2,000 flashes • HiLite Power (Kulzer*): 2 x 180 sec • Formlabs Form Cure: 2 x 20 min @ 60 °C • Anycubic Wash & Cure Plus***: 2 x 20 min 		

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VarseoWax CAD/Cast

Burnout objects



VarseoWax Model

Dental models



VarseoWax Surgical Guide

Surgical guides and placement aids for implant prosthetics



VarseoWax Tray

Individual impression trays

3D Printer

Asiga* Max 405	Cleaning	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs* Form Wash: 3 min (Isopropanol 99 %) • Whip Mix* Veriwash + Veriwhirl/ Ackuretta* Cleani**: 3 min + 3 min (Isopropanol 99%) • Manual cleaning with tensides: See last page 	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs Form Wash: 3 min (Isopropanol 99 %) • Whip Mix Veriwash + Veriwhirl/ Ackuretta Cleani**: 3 min + 3 min (Isopropanol 99%) • Manual cleaning with tensides: See last page 		<ul style="list-style-type: none"> • Ultrasonic bath: 5 min (Isopropanol 99 % or Ethanol 96 %) • Formlabs Form Wash: 5 min (Isopropanol 99 %) • Anycubic* Wash & Cure Plus***: 8 min (Isopropanol 99 % or Ethanol 96 %) 		
	Light-curing	<ul style="list-style-type: none"> • BEGO Otoflash: 2 × 1,500 flashes • HiLite Power (Kulzer*): 2 × 90 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C • SprintRay* ProCure: 2 × 20 min @ 20 °C • SprintRay ProCure 2: Preprogrammed resin profile VarseoSmile Crown plus (60 sec – pause – 50 sec), Zone A • CUREbox* Plus: 2 × 20 min @ 30 °C • Ackuretta CURIE : 2 × 2.5 min Exposure parameters: P13 D8 T2.30BOn 	<ul style="list-style-type: none"> • BEGO Otoflash: 2 × 1,500 flashes • HiLite Power (Kulzer*): 2 × 90 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C • SprintRay ProCure: 2 × 20 min @ 20 °C • CUREbox Plus: 2 × 20 min @ 30 °C • Ackuretta CURIE : 2 × 2.5 min Exposure parameters: P13 D8 T2.30BOn 		<p>Flash or LED light curing device, e.g.:</p> <ul style="list-style-type: none"> • BEGO Otoflash: 2 × 2,000 flashes • HiLite Power (Kulzer*): 2 × 180 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C • Anycubic Wash & Cure Plus***: 2 × 20 min 		

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VarseoWax CAD/Cast

Burnout objects



VarseoWax Model

Dental models



VarseoWax Surgical Guide

Surgical guides and placement aids for implant prosthetics



VarseoWax Tray

Individual impression trays

3D Printer

3D Printer			VarseoSmile Crown plus *		VarseoSmile Temp **		VarseoWax CAD/Cast		VarseoWax Model		VarseoWax Surgical Guide		VarseoWax Tray	
			Cleaning	Light-curing	Cleaning	Light-curing	Cleaning	Light-curing	Cleaning	Light-curing	Cleaning	Light-curing	Cleaning	Light-curing
Formlabs*** Form 2 (Stainless steel building platform necessary)	Cleaning				<ul style="list-style-type: none"> Formlabs Form Wash: 3 min (Isopropanol 99 %) 									
	Light-curing			<ul style="list-style-type: none"> Formlabs Form Cure: 2 x 20 min @ 60 °C 										
Formlabs Form 3B & 3B+ (Stainless steel building platform necessary)	Cleaning	<ul style="list-style-type: none"> Formlabs Form Wash: 3 min (Isopropanol 99 %) 		<ul style="list-style-type: none"> Formlabs Form Wash: 3 min (Isopropanol 99 %) 										
	Light-curing	<ul style="list-style-type: none"> Formlabs Form Cure: 2 x 20 min @ 60 °C 		<ul style="list-style-type: none"> Formlabs Form Cure: 2 x 20 min @ 60 °C 										

* VarseoSmile Crown plus is distributed by Formlabs as Permanent Crown.

** VarseoSmile Temp is distributed by Formlabs as Temporary CB.

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Dental models



VarseoWax Surgical Guide

Surgical guides and placement aids for implant prosthetics



VarseoWax Tray

Individual impression trays

3D Printer

SprintRay* Pro 95 & Pro 55	Cleaning	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs* Form Wash: 3 min (Isopropanol 99 %) • Whip Mix* Veriwash + Veriwhirl/Ackuretta* Cleani**: 3 min + 3 min (Isopropanol 99%) • Manual cleaning with tensides: See last page 	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs Form Wash: 3 min (Isopropanol 99 %) • Whip Mix Veriwash + Veriwhirl/Ackuretta Cleani**: 3 min + 3 min (Isopropanol 99%) • Manual cleaning with tensides: See last page 				
	Light-curing	<ul style="list-style-type: none"> • BEGO Otoflash: 2 × 1,500 flashes • HiLite Power (Kulzer*): 2 × 90 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C • SprintRay ProCure: 2 × 20 min @ 20 °C • SprintRay ProCure 2: Preprogrammed resin profile VarseoSmile Crown^{plus} (60 sec – pause – 50 sec), Zone A • CUREbox* Plus: 2 × 20 min @ 30 °C • Ackuretta CURIE : 2 × 2.5 min Exposure parameters: P13 D8 T2.30BOn 	<ul style="list-style-type: none"> • BEGO Otoflash: 2 × 1,500 flashes • HiLite Power (Kulzer*): 2 × 90 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C • SprintRay ProCure: 2 × 20 min @ 20 °C • CUREbox Plus: 2 × 20 min @ 30 °C • Ackuretta CURIE : 2 × 2.5 min Exposure parameters: P13 D8 T2.30BOn 				

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VarseoWax CAD/Cast

Burnout objects



VarseoWax Model

Dental models



VarseoWax Surgical Guide

Surgical guides and placement aids for implant prosthetics



VarseoWax Tray

Individual impression trays

3D Printer

DEKEMA* trix print	Cleaning	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs* Form Wash: 3 min (Isopropanol 99 %) • Whip Mix* Veriwash + Veriwhirl/ Ackuretta* Cleani**: 3 min + 3 min (Isopropanol 99%) • Manual cleaning with tensides: See last page 	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs Form Wash: 3 min (Isopropanol 99 %) • Whip Mix Veriwash + Veriwhirl/ Ackuretta Cleani**: 3 min + 3 min (Isopropanol 99%) • Manual cleaning with tensides: See last page 		<ul style="list-style-type: none"> • Ultrasonic bath: 5 min (Isopropanol 99 % or Ethanol 96 %) • Formlabs* Form Wash: 5 min (Isopropanol 99 %) • Anycubic* Wash & Cure Plus***: 8 min (Isopropanol 99 % or Ethanol 96 %) 		
	Light-curing	<ul style="list-style-type: none"> • BEGO Otoflash: 2 x 1,500 flashes • HiLite Power (Kulzer*): 2 x 90 sec • Formlabs Form Cure: 2 x 20 min @ 60 °C • SprintRay* ProCure: 2 x 20 min @ 20 °C • SprintRay ProCure 2: Preprogrammed resin profile VarseoSmile Crown^{plus} (60 sec – pause – 50 sec), Zone A • CUREbox* Plus: 2 x 20 min @ 30 °C • Ackuretta CURIE : 2 x 2.5 min Exposure parameters: P13 D8 T2.30B0n 	<ul style="list-style-type: none"> • BEGO Otoflash: 2 x 1,500 flashes • HiLite Power (Kulzer*): 2 x 90 sec • Formlabs Form Cure: 2 x 20 min @ 60 °C • SprintRay ProCure: 2 x 20 min @ 20 °C • CUREbox Plus: 2 x 20 min @ 30 °C • Ackuretta CURIE : 2 x 2.5 min Exposure parameters: P13 D8 T2.30B0n 		<p>Flash or LED light curing device, e.g.:</p> <ul style="list-style-type: none"> • BEGO Otoflash: 2 x 2,000 flashes • HiLite Power (Kulzer*): 2 x 180 sec • Formlabs Form Cure: 2 x 20 min @ 60 °C • Anycubic Wash & Cure Plus***: 2 x 20 min 		

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VarseoSmile Temp*

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VarseoWax CAD/Cast

Burnout objects



VarseoWax Model

Dental models



VarseoWax Surgical Guide

Surgical guides and placement aids for implant prosthetics



VarseoWax Tray

Individual impression trays

3D Printer

Ackuretta** DENTIQ & Freeshape 120	Cleaning	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs** Form Wash: 3 min (Isopropanol 99 %) • Whip Mix** Veriwash + Veriwhirl/ Ackuretta** Cleani***: 3 min + 3 min (Isopropanol 99%) • Manual cleaning with tensides: See last page 	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs Form Wash: 3 min (Isopropanol 99 %) • Whip Mix Veriwash + Veriwhirl/ Ackuretta Cleani***: 3 min + 3 min (Isopropanol 99%) • Manual cleaning with tensides: See last page 		<ul style="list-style-type: none"> • Ultrasonic bath: 5 min (Isopropanol 99 % or Ethanol 96 %) • Formlabs* Form Wash: 5 min (Isopropanol 99 %) • Anycubic** Wash & Cure Plus****: 8 min (Isopropanol 99 % or Ethanol 96 %) 		
	Light-curing	<ul style="list-style-type: none"> • BEGO Otofash: 2 x 1,500 flashes • HiLite Power (Kulzer**): 2 x 90 sec • Formlabs Form Cure: 2 x 20 min @ 60 °C • SprintRay** ProCure: 2 x 20 min @ 20 °C • SprintRay ProCure 2: Preprogrammed resin profile VarseoSmile Crown plus (60 sec – pause – 50 sec), Zone A • CUREbox** Plus: 2 x 20 min @ 30 °C • Ackuretta CURIE : 2 x 2.5 min Exposure parameters: P13 D8 T2.30B0n 	<ul style="list-style-type: none"> • BEGO Otofash: 2 x 1,500 flashes • HiLite Power (Kulzer*): 2 x 90 sec • Formlabs Form Cure: 2 x 20 min @ 60 °C • SprintRay ProCure: 2 x 20 min @ 20 °C • CUREbox Plus: 2 x 20 min @ 30 °C • Ackuretta CURIE : 2 x 2.5 min Exposure parameters: P13 D8 T2.30B0n 		<p>Flash or LED light curing device, e.g.:</p> <ul style="list-style-type: none"> • BEGO Otofash: 2 x 2,000 flashes • HiLite Power (Kulzer*): 2 x 180 sec • Formlabs Form Cure: 2 x 20 min @ 60 °C • Anycubic Wash & Cure Plus****: 2 x 20 min 		

* Ackuretta Dentiq & Freeshape 120 can only be used with Anodized Aluminium Build Platform.

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Permanent single crowns, inlays, onlays, and veneers



VarseoSmile Temp*

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VarseoWax CAD/Cast

Burnout objects



VarseoWax Model

Dental models



VarseoWax Surgical Guide

Surgical guides and placement aids for implant prosthetics



VarseoWax Tray

Individual impression trays

3D Printer

Ackuretta** SOL	Cleaning	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs** Form Wash: 3 min (Isopropanol 99 %) • Whip Mix** Veriwash + Veriwhirl/ Ackuretta** Cleani***: 3 min + 3 min (Isopropanol 99%) • Manual cleaning with tensides: See last page 	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs Form Wash: 3 min (Isopropanol 99 %) • Whip Mix Veriwash + Veriwhirl/ Ackuretta Cleani***: 3 min + 3 min (Isopropanol 99%) • Manual cleaning with tensides: See last page 				
	Light-curing	<ul style="list-style-type: none"> • BEGO Otoflash: 2 x 1,500 flashes • HiLite Power (Kulzer**): 2 x 90 sec • Formlabs Form Cure: 2 x 20 min @ 60 °C • SprintRay** ProCure: 2 x 20 min @ 20 °C • SprintRay ProCure 2: Preprogrammed resin profile VarseoSmile Crown plus (60 sec – pause – 50 sec), Zone A • CUREbox** Plus: 2 x 20 min @ 30 °C • Ackuretta CURIE : 2 x 2.5 min Exposure parameters: P13 D8 T2.30BOn 	<ul style="list-style-type: none"> • BEGO Otoflash: 2 x 1,500 flashes • HiLite Power (Kulzer): 2 x 90 sec • Formlabs Form Cure: 2 x 20 min @ 60 °C • SprintRay ProCure: 2 x 20 min @ 20 °C • CUREbox Plus: 2 x 20 min @ 30 °C • Ackuretta CURIE : 2 x 2.5 min Exposure parameters: P13 D8 T2.30BOn 				

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Burnout objects



VarseoWax Model

Dental models



VarseoWax Surgical Guide

Surgical guides and placement aids for implant prosthetics



VarseoWax Tray

Individual impression trays

3D Printer

Whip Mix** VeriBuild & VeriEko	Cleaning	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs** Form Wash: 3 min (Isopropanol 99 %) • Whip Mix** Veriwash + Veriwhirl/Ackuretta** Cleani***: 3 min + 3 min (Isopropanol 99%) • Manual cleaning with tensides: See last page 	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs Form Wash: 3 min (Isopropanol 99 %) • Whip Mix Veriwash + Veriwhirl/Ackuretta Cleani***: 3 min + 3 min (Isopropanol 99%) • Manual cleaning with tensides: See last page 				
	Light-curing	<ul style="list-style-type: none"> • BEGO Otoflash: 2 x 1,500 flashes • HiLite Power (Kulzer**): 2 x 90 sec • Formlabs Form Cure: 2 x 20 min @ 60 °C • SprintRay** ProCure: 2 x 20 min @ 20 °C • SprintRay ProCure 2: Preprogrammed resin profile VarseoSmile Crown plus (60 sec – pause – 50 sec), Zone A • CUREbox** Plus: 2 x 20 min @ 30 °C • Ackuretta CURIE : 2 x 2.5 min Exposure parameters: P13 D8 T2.30BOn 	<ul style="list-style-type: none"> • BEGO Otoflash: 2 x 1,500 flashes • HiLite Power (Kulzer): 2 x 90 sec • Formlabs Form Cure: 2 x 20 min @ 60 °C • SprintRay ProCure: 2 x 20 min @ 20 °C • CUREbox Plus: 2 x 20 min @ 30 °C • Ackuretta CURIE : 2 x 2.5 min Exposure parameters: P13 D8 T2.30BOn 				

* Whip Mix VeriBuild & VeriEko can only be used with Anodized Aluminium Build Platform.

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Burnout objects



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Dental models



VarseoWax Surgical Guide

Surgical guides and placement aids for implant prosthetics



VarseoWax Tray

Individual impression trays

3D Printer

Microlay* Versus 385	Cleaning	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs* Form Wash: 3 min (Isopropanol 99 %) • Whip Mix* Veriwash + Veriwhirl/ Ackuretta* Cleani**: 3 min + 3 min (Isopropanol 99%) • Manual cleaning with tensides: See last page 	<ul style="list-style-type: none"> • Ultrasonic bath: 3 min + 2 min (Ethanol 96 %) • Formlabs Form Wash: 3 min (Isopropanol 99 %) • Whip Mix Veriwash + Veriwhirl/ Ackuretta Cleani**: 3 min + 3 min (Isopropanol 99%) • Manual cleaning with tensides: See last page 		<ul style="list-style-type: none"> • Ultrasonic bath: 5 min (Isopropanol 99 % or Ethanol 96 %) • Formlabs* Form Wash: 5 min (Isopropanol 99 %) • Anycubic* Wash & Cure Plus***: 8 min (Isopropanol 99 % or Ethanol 96 %) 		
	Light-curing	<ul style="list-style-type: none"> • BEGO Otoflash: 2 x 1,500 flashes • HiLite Power (Kulzer*): 2 x 90 sec • Formlabs Form Cure: 2 x 20 min @ 60 °C • SprintRay ProCure: 2 x 20 min @ 20 °C • SprintRay ProCure 2: Preprogrammed resin profile VarseoSmile Crown ^{plus} (60 sec – pause – 50 sec), Zone A • CUREbox* Plus: 2 x 20 min @ 30 °C • Ackuretta CURIE : 2 x 2.5 min Exposure parameters: P13 D8 T2.30BOn 	<ul style="list-style-type: none"> • BEGO Otoflash: 2 x 1,500 flashes • HiLite Power (Kulzer*): 2 x 90 sec • Formlabs Form Cure: 2 x 20 min @ 60 °C • SprintRay ProCure: 2 x 20 min @ 20 °C • CUREbox Plus: 2 x 20 min @ 30 °C • Ackuretta CURIE : 2 x 2.5 min Exposure parameters: P13 D8 T2.30BOn 		<p>Flash or LED light curing device, e.g.:</p> <ul style="list-style-type: none"> • BEGO Otoflash: 2 x 2,000 flashes • HiLite Power (Kulzer*): 2 x 180 sec • Formlabs Form Cure: 2 x 20 min @ 60 °C • Anycubic Wash & Cure Plus***: 2 x 20 min 		

* This symbol is a commercial designation/registered trademark of a company which is not part of the BEGO company group.

** both devices are identical in construction

*** Compatibility applies to the design status to the serial no. W31126A0405446

For detailed information on the production workflow, please refer to the instructions for use of the respective VarseoSmile or VarseoWax resins.

Pictures and illustrations are exemplary. Colors, symbols, design, and information on the labels and/or packaging shown may differ from reality.

Not all products and services shown are available in all countries.

BEGO Compatibility Overview 3D Printing System Components



VarseoSmile Crown plus
Permanent single crowns, inlays, onlays, and veneers



VarseoSmile Temp
Temporary crown and bridge restorations, inlays, onlays, and veneers



VarseoWax CAD/Cast
Burnout objects



VarseoWax Model
Dental models



VarseoWax Surgical Guide
Surgical guides and placement aids for implant prosthetics



VarseoWax Tray
Individual impression trays

3D Printer

Asiga* Pro 4K80** and DLP Printers in general with 385 – 405 nm wave length	Cleaning				<ul style="list-style-type: none"> • Ultrasonic bath: 5 min (Isopropanol 99 % or Ethanol 96 %) • Formlabs* Form Wash: 5 min (Isopropanol 99 %) • Anycubic* Wash & Cure Plus***: 8 min (Isopropanol 99 % or Ethanol 96 %) 		
	Light-curing				<p>Flash or LED light curing device, e.g.:</p> <ul style="list-style-type: none"> • BEGO Otoflash: 2 × 2,000 flashes • HiLite Power (Kulzer*): 2 × 180 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C • Anycubic Wash & Cure Plus***: 2 × 20 min 		

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** Printer must be operated in 4K mode

*** Compatibility applies to the design status to the serial no. W31126A0405446

For detailed information on the production workflow, please refer to the instructions for use of the respective VarseoSmile or VarseoWax resins. Pictures and illustrations are exemplary. Colors, symbols, design, and information on the labels and/or packaging shown may differ from reality. Not all products and services shown are available in all countries.

BEGO Compatibility Overview 3D Printing System Components



VarseoSmile Crown^{plus}

Permanent single crowns, inlays, onlays, and veneers



VarseoSmile Temp

Temporary crown and bridge restorations, inlays, onlays, and veneers



VarseoWax CAD/Cast

Burnout objects



VarseoWax Model

Dental models



VarseoWax Surgical Guide

Surgical guides and placement aids for implant prosthetics



VarseoWax Tray

Individual impression trays

3D Printer

Anycubic* Photon Mono X**	Cleaning				<ul style="list-style-type: none"> • Ultrasonic bath: 5 min (Isopropanol 99 % or Ethanol 96 %) • Formlabs* Form Wash: 5 min (Isopropanol 99 %) • Anycubic Wash & Cure Plus***: 8 min (Isopropanol 99 % or Ethanol 96 %) 		
	Light-curing				<p>Flash or LED light curing device, e.g.:</p> <ul style="list-style-type: none"> • BEGO Otoflash: 2 × 2,000 flashes • HiLite Power (Kulzer*): 2 × 180 sec • Formlabs Form Cure: 2 × 20 min @ 60 °C • Anycubic Wash & Cure Plus***: 2 × 20 min 		

* This symbol is a commercial designation/registered trademark of a company which is not part of the BEGO company group.

** Compatibility applies to the design status to the serial no. P02123C0306508

*** Compatibility applies to the design status to the serial no. W31126A0405446

For detailed information on the production workflow, please refer to the instructions for use of the respective VarseoSmile or VarseoWax resins. Pictures and illustrations are exemplary. Colors, symbols, design, and information on the labels and/or packaging shown may differ from reality. Not all products and services shown are available in all countries.

BEGO Compatibility Overview 3D Printing System Components

Manual cleaning with Tensides

This cleaning method is valid for VarseoSmile Crown^{plus} and VarseoSmile Temp

Necessary tools, equipment and materials

- InovaPrint wash (hp-dent*) general purpose 3D print cleaner
- Tap water
- 1-propanol (70 Vol.-%)
- Toothbrush
- Brush
- Instrument for holding the printed objects (e.g. artery clamp)
- Absorbent pad (e.g. paper towels) or tub
- 2 cups for 1-propanol (70 Vol.-%)
- 1 cup for cleaning solution
- Compressed air with trigger/splash guard
- Personal protective equipment: protective gloves and goggles



Cleaning process

Carefully remove the printed object from the platform with the help of a spatula.



Clean the printed object by using a toothbrush and/or brush in two steps:

Step 1:

Pre-wash with reusable cleaning solution: 5% InovaPrint wash (hp-dent) + 95% tap water

- 1.1 Vigorously swirl object in cleaning solution for 15 s using pliers or an arterial clamp. Ensure not to damage the printed object.



- 1.2 Remove excess resin by using a toothbrush and cleaning solution. In addition, a brush can be used to clean the inside of crowns. Shortly swirl object in cleaning solution as needed.



Note: Clean toothbrush and brush regularly with 1-Propanol when covered with resin. Dry before reusing toothbrush or brush again for cleaning the printed object.

- 1.3 Use compressed air under a fume hood with splash guard to remove the cleaning solution from the printed object's surface.



- 1.4 Repeat step 1.2 and 1.3 until just a thin layer of resin remains on the surface of the print.

Step 2:

Finish with fresh 1-Propanol (70 Vol.-%).

- 2.1 Vigorously swirl printed object in 1-Propanol for 5 s and dry object immediately with compressed air.



- 2.2 Check for remaining resin (shiny spots). If surface of printed object is matte, remove support structure as described in the following step (step 2.3). Shiny spots can be removed by quickly brushing the surface with a 1-Propanol soaked brush. Immediately dry object with compressed air.

- 2.3 Remove the support structure with the help of a cutting wheel or side cutters. Ensure not to deform the printed object.



- 2.4 Quickly clean occlusal surface with a 1-Propanol soaked brush to remove any excess resin. Immediately dry printed object with compressed air.



Note: Contact time of printed object with 1-Propanol needs to be reduced to a minimum to avoid the formation of white spots on the surface.

- 2.5 Post-cure the dental objects by using a validated post-curing unit.